FUNAI

LCD TELEVISION
INSTRUCTION MANUAL

FULL HD Television	39FD713				
HD Television	32FD513	32FD503	32FL513	32FL503	
	29FL513	29FL503	24FL503		

If you need help, please contact us.

Funai India Pvt Ltd

Toll free telephone : *1-800-419-6708*
Web site : *www.funai-india.com*
Email ID : customer.care@funai-india.com

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SAFETY INFORMATION

WARNING: To prevent the spread of fire, keep candles or other open flames away from this product at all times

CAUTION:
TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

	The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated “dangerous voltage” within the apparatus’s enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons
	The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the apparatus.

WHEN CARRYING THIS UNIT

- At least 2 people are required when carrying this unit.
- Make sure to hold the upper and bottom frames of the unit firmly as illustrated.

CAUTION

1. Do not attempt to open the cabinet. There are no user serviceable parts inside. Refer all servicing to qualified service personnel.
2. Slots and openings in the cabinet and the sides or bottom are provided for ventilation. To ensure reliable operation and to protect the unit from overheating, these openings must not be blocked or covered. Avoid installation in enclosed spaces such as bookcases unless proper ventilation is provided.
3. Keep the unit away from radiators and other heat sources.
4. Do not push objects of any kind into the unit through the cabinet slots or openings as they could touch electrically live parts or short circuit parts resulting in a fire or electric shock.
5. To prevent fire or shock hazard, do not expose this unit to dripping or splashing, no objects filled with liquids, such as vases, should be placed on the unit.
6. Use the unit on a horizontal (flat) surface only.
7. Do not place any combustible objects on the unit (candles, etc.).
8. The LCD panel used in this unit is made of glass. Therefore, it can break when the unit is dropped or applied with impact. Be careful not to be injured by broken glass pieces in case the LCD panel breaks. The LCD panel is a very high technology product with 921,600 thin film transistors, giving you fine picture details. Occasionally, a few non-active pixels may appear on the TV screen as a fixed point of blue, green or red. Please note that this does not affect the performance of your unit.
9. Disconnect the mains plug to switch off when the unit becomes faulty or not in use.
10. The mains plug shall remain readily operable.
11. Read the manual instructions to ensure correct and safe installation and interconnection of the unit in multimedia systems.
12. Keep a distance of 20cm around the ventilation openings of the unit.
13. Batteries (battery pack or batteries installed) shall not be exposed to excessive heat such as sunshine, fire or the like.

POWER SUPPLY

The main power supply is engaged when the main plug is plugged in a 100-240 V~, 50Hz/60Hz AC outlet. To operate the unit, press ⏻ (power) to turn on the unit.

WARNING:

- Never use a gas duster on this TV. The gas trapped inside of this unit may cause ignition and explosion.
- TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPARATUS TO RAIN OR MOISTURE.
- Do not place the unit on the furniture that is capable of being tilted by a child or an adult leaning, pulling, standing or climbing on it. A falling unit can cause serious injury or even death.
- LIVE PARTS INSIDE. DO NOT REMOVE ANY SCREWS.

Battery Precautions

- Be sure to follow the correct polarity as indicated in the battery compartment. Reversed batteries may cause damage to the device.
- Do not mix different types of batteries together (e.g. Alkaline and Carbon-Zinc or rechargeable batteries like ni-cad, ni-mh, etc.) or old batteries with fresh ones.
- If the device is not to be used for a long period of time, remove the batteries to prevent damage or injury from possible battery leakage.
- Do not try to recharge batteries; they can overheat and rupture.

A Note about Recycling

This unit's packaging materials are recyclable and can be reused. Please dispose of any materials in accordance with your local recycling regulations. This product consists of materials which can be recycled and reused if disassembled by a specialised company.

Pb, Hg, Cd

The crossed out wheeled dust bin symbol indicates that batteries and/or accumulators must be collected and disposed of separately from household waste. If the battery or accumulator contains more than the specified values of lead (Pb), mercury (Hg), and/or cadmium (Cd) defined in the Battery Directive (2006/66/EC), then the chemical symbols for lead (Pb), mercury (Hg) and/or cadmium (Cd) will appear below the crossed out wheeled dust bin symbol. By participating in separate collection of batteries, you will help to assure the proper disposal of products and batteries and thus help to prevent potential negative consequences for the environment and human health. For more detailed information about the collection and recycling programmes available in your country, please contact your local city office or the shop where you purchased the product.

The use of the symbol indicates that this product may not be treated as household waste.By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product.For more detailed information about recycling of this product, please contact your local city office, your household waste disposal service or the shop where you purchased the product.

Notice for customers

Disposal of the TV set
Disposal of Old Electrical & Electronic Equipment (Applicable in the European Union and other European countries with separate collection system)

Disposal of the TV set
Disposal of Old Electrical & Electronic Equipment (Applicable in the Republic of India)

① Supplied Accessories

Base

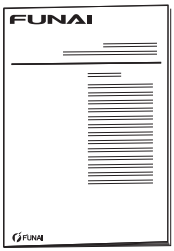
Screws for Attaching the base

For 32FD513/32FL513/32FD503/32FL503 only

Screw for Mounting the unit on your furniture
Dimension : 5.1 x 20 mm

Batteries for remote control
• 2 x AAA Drycell

Remote control



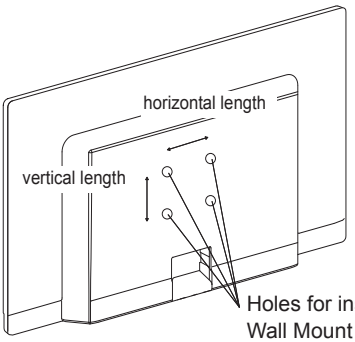
Manual

Installation of Wall Mount (Optional)

The Wall Mount Kit can help install the TV on the wall. For more information about wall mounting, please refer to the instructions provided along with the Wall Mount Kit.

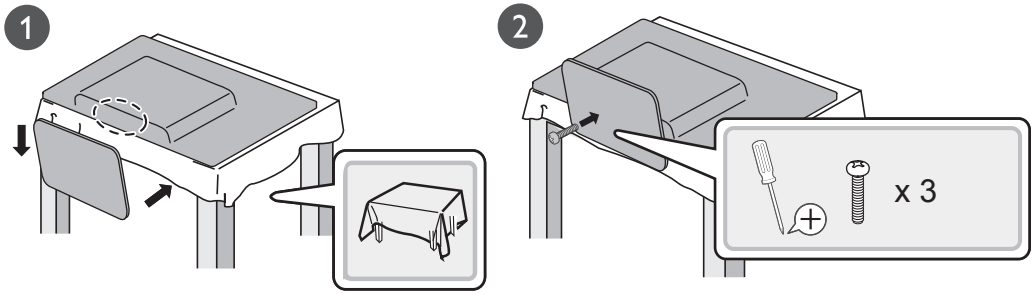
CAUTION

When wall mounting the product, please contact qualified personnel. If users choose to install the TV on their own, the producer is not responsible for any damages caused either to the product or to the persons.



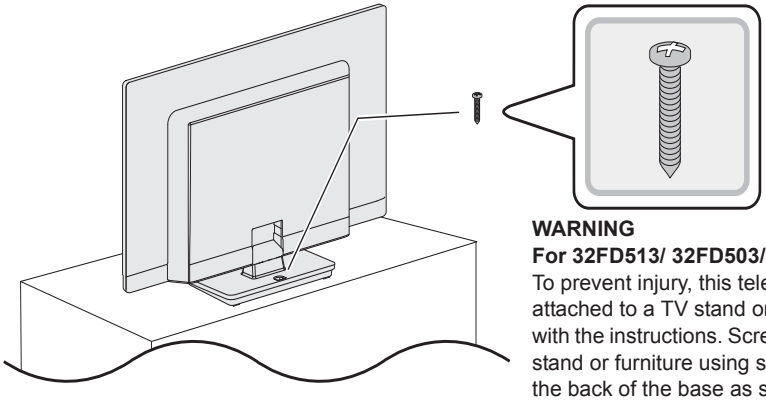
	Length of holes distances(H/V)	Recomended screw thread type
39FD713	mm/ mm	M6
32FD513/32FD503	mm/ mm	M4
32FL513/32FL503	mm/ mm	M4
29FL513/29FL503	mm/ mm	M4
24FL503	mm/ mm	M4

② Attaching the Base



- When attaching the base, ensure that all screws are tightly fastened. If the base is not properly attached, it could cause the unit to fall, resulting in injuries as well as damage to the unit.
- Make sure the table is in a stable location

③ Mounting the Unit on Your Furniture



WARNING

For 32FD513/ 32FD503/ 32FL513/ 32FL503 only

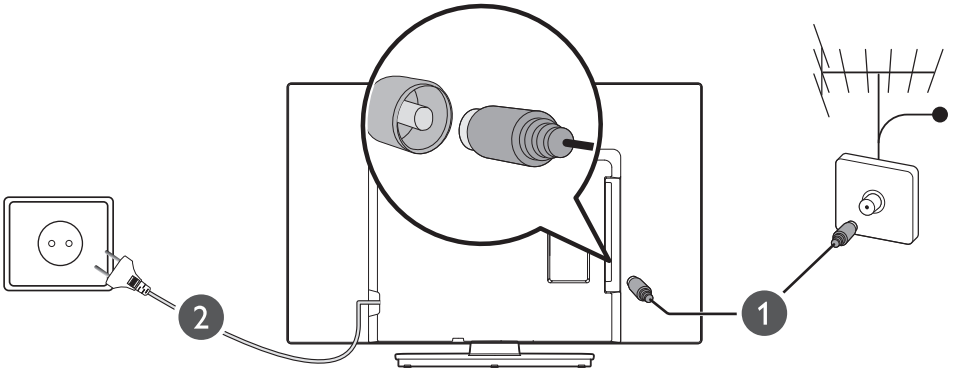
To prevent injury, this television must be securely attached to a TV stand or furniture in accordance with the instructions. Screw this television on your TV stand or furniture using supplied screw in the hole at the back of the base as shown.

39FD713/ 29FL513/ 29FL503/ 24FL503

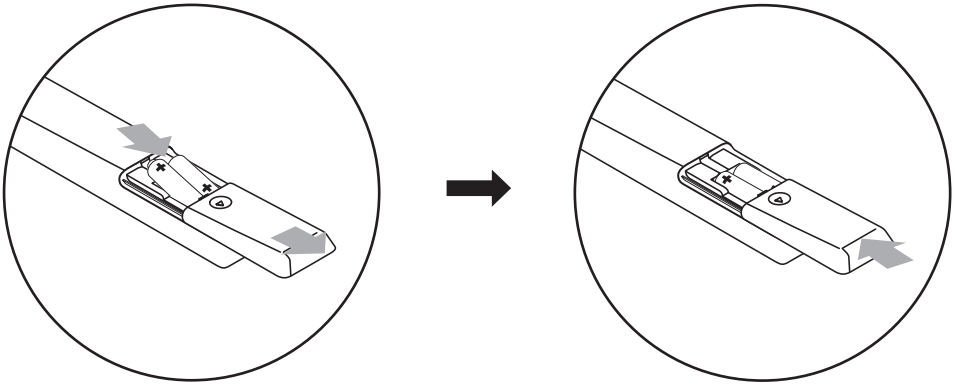
Screw this unit on your furniture tightly using wood screw (not supplied) in the hole at the back of the base as shown.

- Recomended dimension : 5.1 x 20 mm

④ Connections for Antenna/Cable and the Power



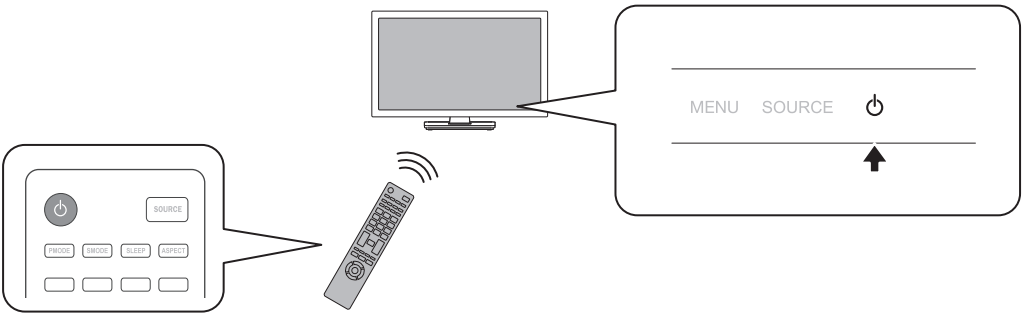
⑤ Installing the Batteries



⑥ Initial Setup

Turn on the Unit

1 After plugging in the unit and power indicator lights up red, just press ⏻ on the remote or the TV to turn it on.



Language Selection

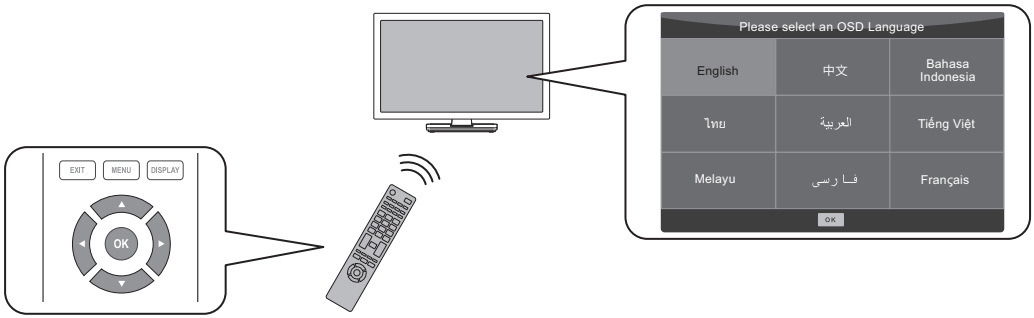
You can select the preferred on screen language.

2 Press **MENU** to display the setup menu.

3 Use ◄ / ► to select **[OPTION]** in the setup menu.

4 Use ▲ / ▼ **to select [OSD Language]** in the Option menu, then press **OK**.

5 Use ▲ / ▼ / ◄ / ► to select the language you want, then press **OK**.



Auto Tuning

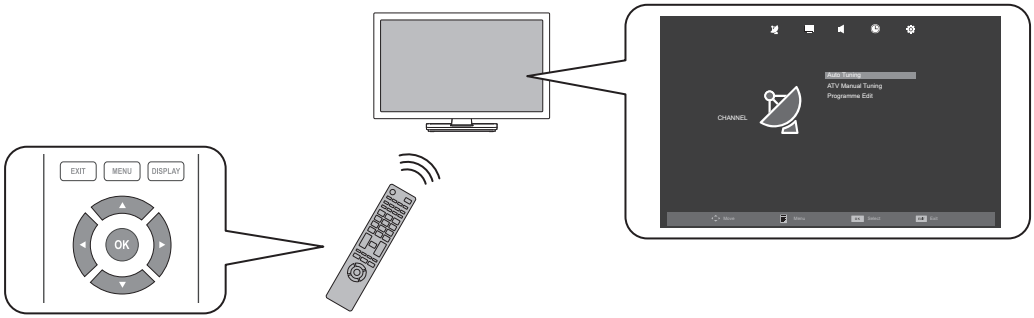
You have to setup channels to watch TV.

2 Press **MENU** to display the setup menu.

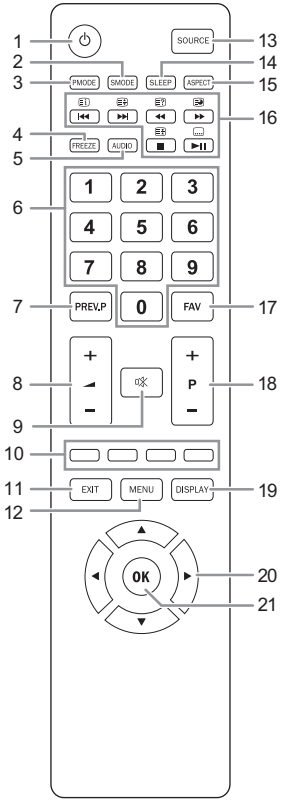
3 Use ◄ / ► to select **[CHANNEL]** in the setup menu.

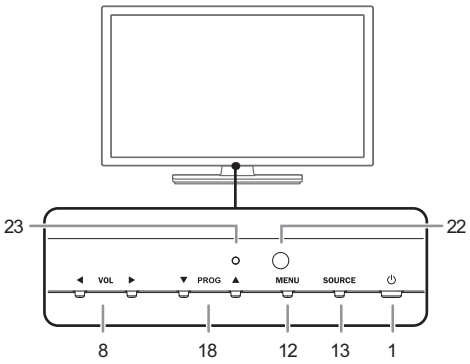
4 Use ▲ / ▼ to select **[Auto Tuning]** in the Channel menu, and press **OK** to start tuning to setup channels.

• For detailed operation procedure, refer to “Channel Settings” (p. 18).



Remote Control and Front Panel





1. ⏻ **(Power) (p. 6)**
   Press once to turn the unit on and press it once more to put the unit into standby mode.
2. **S MODE "[Sound Mode]" (p. 20)**
3. **P MODE "[Picture Mode]" (p. 19)**
4. **FREEZE "Freeze Mode" (p. 11)**
5. **AUDIO "Sound Select" (p. 12)**
   Display and change the current Audio mode.
6. **Number buttons (p. 11)**
7. **PREV.P**
   Change channel to previous one.
8. **+ / − (p. 11)**
   To adjust the volume.

• **VOL ◄ / ► (Front panel)** works same function as **◄ / ► (cursor)** on the menu.

9. **(Mute) (p. 11)**
10. **RED / GREEN / YELLOW / BLUE "[Teletext]" (p. 11)/"[Programme Edit]" (p. 18)**
11. **EXIT (p. 11)**
    Exit the menu.
12. **MENU (p. 18)**
13. **SOURCE "Switching the Input Source Mode" (p. 12)**

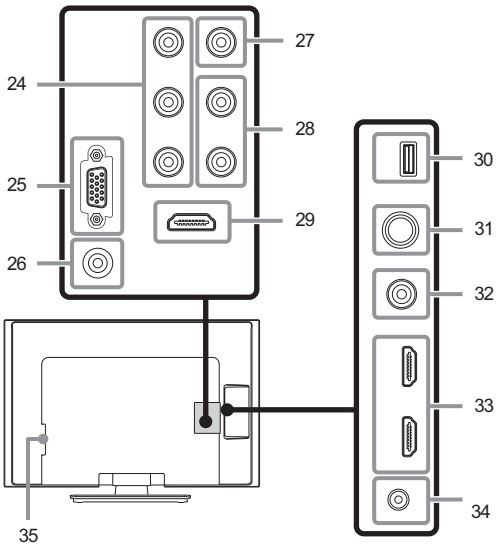
• **SOURCE (Front panel)** works same function as **OK** to determine the setting menu.

14. **SLEEP "[Sleep Timer]" (p. 11)**
15. **ASPECT "Picture Format" (p. 12)**
16. **Playback function buttons (p. 13) / Teletext function buttons (p. 11)**
    - **(Skip backward) / (Index)**
    - **(Skip forward) / (Expand)**
    - **(Rewind) / (Reveal)**
    - **(Fast-forward) / (Subpage)**
    - **(Stop) / (Hold)**
    - **(Play/Pause) / (Text)**
17. **FAV "Favourite" (p. 11)**
18. **P + / − (p. 11)**
    To browse a channel.

• **PROG ▲ / ▼ (Front panel)** works same function as **▲ / ▼ (cursor)** on the menu.

19. **DISPLAY**
    Display the channel number or input source.
20. **▲ / ▼ / ◄ / ► (Cursor) (p. 11)**
21. **OK**
22. **Remote Control Sensor**
23. **Standby / Power indicator**
    (Power on : no light, Standby : red)

Rear Panel



24. **YPbPr (Component video) input jacks (p. 10)**
25. **PC (VGA) input jack (p. 9)**
26. **Audio input jack for PC / HDMI (DVI) connection (p. 9)**
27. **Composite video input jack (p. 9)**
28. **Audio (L/R) input jacks (p. 9, p. 10)**
29. **HDMI (HDMI 1) input jack (p. 10)**

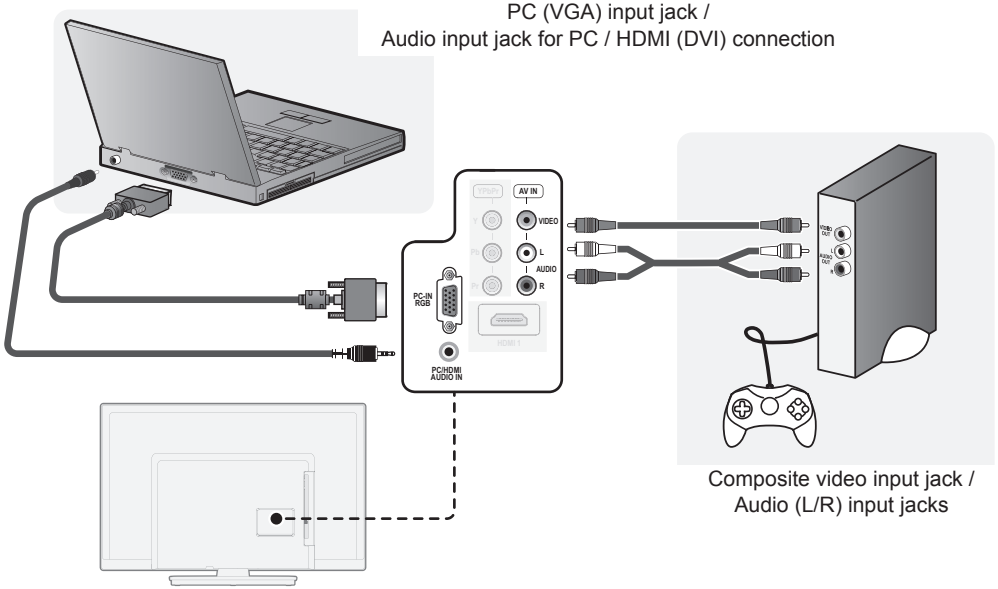
- The HDMI socket is guaranteed to be used for single source only. It does not guarantee any adaptor, switches or other connecting device for the purpose of multiple sources. The usage of such device even if it is capable is at customer risk.

30. **USB terminal (p. 10)**

- Data input from USB flash memory only.
- User should not connect any devices to the USB terminal such as digital camera, keyboard, mouse, etc. (because these will not work.)
- The software update is, in most cases, handled by an authorised service person or in some circumstances the user may be asked to do the software update themselves.

31. **Antenna input jack (p. 6)**
32. **Coaxial digital audio output(SPDIF) jack (p. 10)**
33. **HDMI (HDMI 2 /HDMI 3) input jack (p. 10)**
34. **Headphone audio output jack**
35. **AC power cord**

Hook-Up



Coaxial digital audio output jack

HDMI input jack

USB terminal

Headphone audio output jack

YPbPr (Component video) input jacks /
Audio (L/R) input jacks

OPERATIONS

Read this first

These operations are accessible by remote control. Some may also be accessible by controls on the main unit.

Watching a TV Programme

To select a channel

Use **P** + / − repeatedly to select your desired channel, or use **the Number buttons** to enter a specific channel number, then press **OK** for quicker access.
(e.g.) If you want to select the channel 24 without pressing **OK**, press **2** first, then press **4** within 3 seconds.

To adjust the volume

Use + / − to increase / decrease the audio volume.
Press to turn the sound on / off temporarily.

- You can recover the original volume by pressing again or + / −.

[Sleep Timer]

The sleep timer can be set for the unit to go to the standby mode after an incremental period of time.

1 Press **SLEEP** repeatedly to change the sleep time period.

- Each time you press **SLEEP**, the timer increases from 10 minutes up to 240 minutes.
- Press **SLEEP** repeatedly until **[Off]** appears to cancel the sleep timer.
- If the unit goes into standby mode, the sleep timer will be cancelled.

Freeze Mode

Freeze Mode can freeze the image shown on the TV screen for 5 minutes.

1 Press **FREEZE** to freeze the image.

- The sound output will not be paused.
- To cancel freeze mode, press any buttons except .

[Teletext]

1 Press to turn on the teletext decoder and display **[Teletext]** information.

2 Press repeatedly to show the teletext in transparent mode or picture and teletext mode.

- If you want to select other pages, use **the Number buttons** or ▲ / ▼.
- To enlarge fonts, press .
- To select the teletext subpages, press .
- To directly select the page numbers shown at the bottom of the TV screen, use **RED / GREEN / YELLOW / BLUE**.
- To call up the hidden information, press .
- To hold the current page, press .
- To go back to the start page, press .
- To hide the teletext, press **SLEEP**.

3 Press **EXIT** to exit.

Favourite

You can easily locate a favourite channel.

- You can set favourite channel at “[Programme Edit]” (p. 18).

1 Press **FAV** while watching a programme to show the favourite channel list.

2 Use ▲ / ▼ to select the channel you want, then press **OK**.

- Use **P** + / − to move to the previous or next page.
- This unit need few seconds to memorise the favourite setting.
- If you unplug the AC power cord immediately after the setting, it will not be registered in the memory.

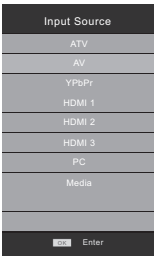
3 Press **EXIT** to exit.

Switching the Input Source Mode

You can select a desired input source mode from available sources.

1 Press **SOURCE**.

2 Use ▲ / ▼ to select the input source mode you want, then press **OK**.



Sound Select

Press **AUDIO** to display currently selected audio mode and press repeatedly to cycle through the available audio mode.

Nicam Stereo ⟷ Mono
Nicam Dual1 ⟶ Nicam Dual2 ⟶ Mono
Nicam Mono ⟷ Mono
Stereo ⟷ Mono
Dual1 ⟷ Dual2
Mono

Picture Format

Display modes can be selected when your TV receives a 16:9 or 4:3 video signal. Three types of display modes can be selected for a PC Input signal.

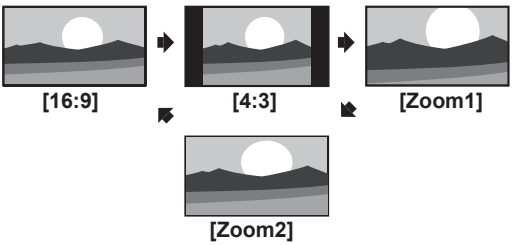
1 Press **ASPECT** button repeatedly to switch the TV screen display mode.

- You cannot set screen display mode in playback mode.
- You can set another way at “[Aspect Ratio]” (p. 21).

For 16:9 video signal

[16:9]	Displays a 16:9 picture at its original size.
[4:3]	Displays a 16:9 picture at a 4:3 size; the picture is shortened horizontally. Sidebars appear on both edge of the TV screen.
[Just Scan]	Displays a proportionally stretched picture.

For 4:3 video signal



[16:9]	Displays a 4:3 picture at a 16:9 size. This crops out the top and bottom of the picture.
[4:3]	Displays a 4:3 picture at its original size. Sidebars appear on both edge of the TV screen.
[Zoom1]	Displays a 4:3 picture at a 16:9 size; at its enlarged size without changing its horizontal and vertical ratio. This crops out the top and bottom of the picture.
[Zoom2]	Displays a 4:3 picture at a 16:9 size; the picture is stretched more vertically at the top of the TV screen. This crops out the top of the picture.

For PC Input signal

[16:9]	Displays a proportionally stretched picture. This crops out the top and bottom of the picture.
[4:3]	Displays a proportionally stretched picture. Mainly sidebars appear on both edges of the TV screen.
[Dot by Dot]	Displays a picture at its original size.

- This unit can also be connected to your PC that has a DVI terminal. Use an HDMI-DVI conversion cable for this video connection and it requires stereo mini plug conversion cable for analog audio signal as well.
- Refer to 16:9 video signal on this page if PC has HDMI Output.
- PC resolution standards: 713 series - 1920 x 1080
  503/513 series - 1366 x 768
  For details, refer to “Input Resolution” (p. 26)

503 series

32FD503/ 32FL503/ 29FL503/ 24FL503

If your unit is one of the series, you can play picture and watch text files from USB flash drive.

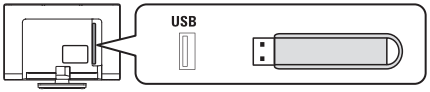
713/ 513 series

39FD713/ 32FD513/ 32FL513/ 29FL513

If your unit is one of the series, you can play picture, music, video and watch text files from USB flash drive.

Setup for Playback

You must connect the USB flash memory to USB terminal of this unit (shown below).



1 Press **SOURCE** to display the input source mode and use ▲ / ▼ to select **[Media]**, and then press **OK**.

- If you want to exit this mode, select any other input source mode. Refer to “Switching the Input Source Mode” (p. 12).
- You can check Multimedia Specification. Refer to “Multimedia Format” (p. 27).

Note for Playback

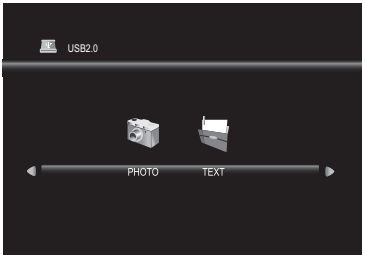
- The USB flash memory is not supplied with this unit.
- The unit recognises a USB flash memory only.
  Do not use a USB hub and an extension cord between the USB flash memory and the unit.
  Always connect the USB flash memory to this unit directly.
- It is not guaranteed that all USB flash memory can be supported on this unit.
- FUNAI cannot be held responsible if your USB flash memory is not supported, nor will FUNAI accept any liability for damage or loss of stored data.
- A USB flash memory that required its own driver or the device with a special system such as fingerprint recognition are not supported.
- Be sure to keep a backup copy of the original files on your device before you play them back on this unit. We have no responsibilities for damage or loss of your stored data.
- To avoid damaging the USB flash memory and the unit always turn off the unit before you remove the USB flash memory.
- This unit is not allowed to use the USB flash memory which requires external power supply (500 mA or more).
- The unit can recognise up to 198 files including directories under one directory, and it can recognise the depth of directory up to 30.
- This unit may not be recognised if the length of the file names is too long. Only English characters can be recognised.
- This unit does not support NTFS or the file other than FAT16 and FAT32 file system. If the file is not supported, an error message appears.
- When the unit does not recognise the USB flash memory, try reconnecting it.
- Playing the files recorded with high bit rates, the images can be interrupted in some occasions.
- This unit does not support external subtitles.
- This unit cannot play back a file which goes over the limit of file restriction.
- For USB input the maximum resolution display is 1080p.

[PHOTO]

2 Use ◄ / ► to select **[PHOTO]** and press **OK** to enter.

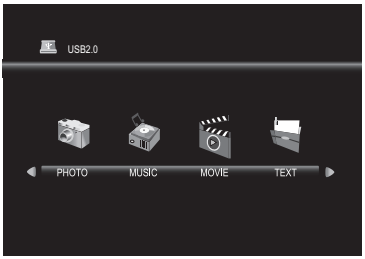
503 series

32FD503/ 32FL503/ 29FL503/ 24FL503

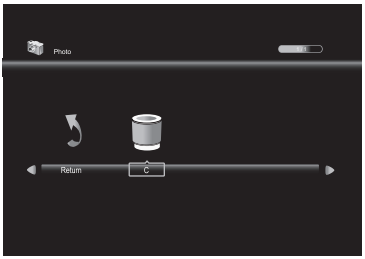


713/ 513 series

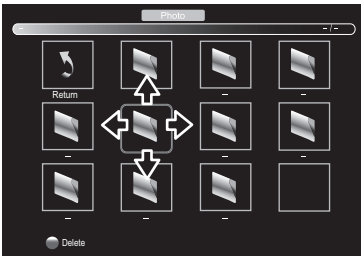
39FD713/ 32FD513/ 32FL513/ 29FL513



3 Use ◄ / ► to select **[C]** and press **OK** to enter your file.



4 Use ▲ / ▼ / ◄ / ► to select the desired file, then press **OK**.



- The check box is displayed at the right bottom by pressing the **OK**. The files having the check box are played by pressing ►II. If they are not selected, then all playable files in the folder are played.
- If you put audio files into same folder of picture files, you can play music during the slideshow.

Operation in Slideshow

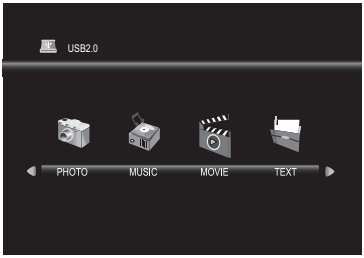
►II : Press to play or pause the slideshow.
I◄◄ / ►►I : Press to skip the file backward or forward.
■ : Press to stop the slideshow.
OK / **DISPLAY :** Press to display the menu.
[Repeat] : Use ◄ / ► and press **OK** to select the repeat mode; **[Repeat None]**, **[Repeat 1]** or **[Repeat All]** in order.
[Music] : Use ◄ / ► to select **[Music]** and press **OK** to play, then the music file in the same folder play automatically.
[Playlist] : Use ◄ / ► and press **OK** to select **[Playlist]** to show the playlist.
[Info.] : Use ◄ / ► and press **OK** to select **[Info.]** to show the details.
[Rotate] : Use ◄ / ► to select right-handed or left-handed rotate and press **OK** to turn the picture by 90 degrees.
[Zoom In] : Use ◄ / ► to select **[Zoom In]** and press **OK** to zoom in the display.
[Zoom Out] : Use ◄ / ► to select **[Zoom Out]** and press **OK** to zoom out the display.
[Move View]: Use ◄ / ► and press **OK** to select **[Move View]** to move viewing location during zoom in the display.

[MUSIC]

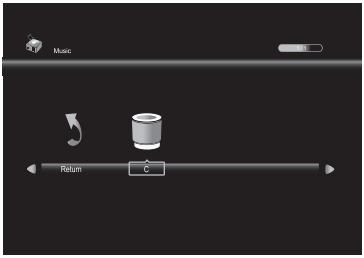
only 713/ 513 series

39FD713/ 32FD513/ 32FL513/ 29FL513

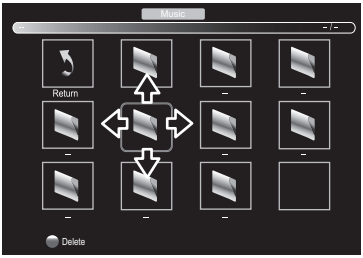
2 Use ◄ / ► to select **[MUSIC]** and press **OK** to enter.



3 Use ◄ / ► to select **[C]** and press **OK** to enter your file.



4 Use ▲ / ▼ / ◄ / ► to select the desired file, then press **OK**.



- The check box is displayed at the right bottom by pressing the **OK**. The files having the check box are played by pressing ►II. If they are not selected, then all playable files in the folder are played.

Operation in Playback

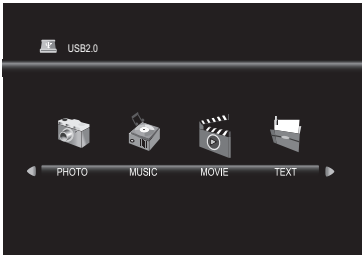
►II : Press to play or pause the playback.
◄◄ / ►► : Press to rewind or fast-forward the playback.
I◄◄ / ►►I : Press to skip backward or forward the current file.
■ : Press to stop the playback.
OK / **DISPLAY :** Press to display the menu.
[Repeat] : Use ◄ / ► and press **OK** to select the repeat mode; **[Repeat None]**, **[Repeat 1]** or **[Repeat All]** in order.
[MUTE] : Use ◄ / ► and press **OK** to select **[MUTE]** to mute.
[Playlist] : Use ◄ / ► and press **OK** to select **[Playlist]** to show the playlist.
[Info.] : Use ◄ / ► and press **OK** to select **[Info.]** to show the details.
[Goto Time] : Use ◄ / ► and press **OK** to select **[Goto Time]** to move the time you want in the playback.

[MOVIE]

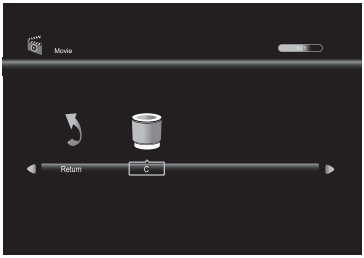
only 713/ 513 series

39FD713/ 32FD513/ 32FL513/ 29FL513

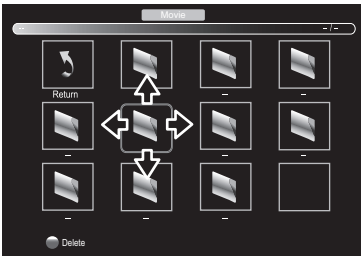
2 Use ◄ / ► to select **[MOVIE]** and press **OK** to enter.



3 Use ◄ / ► to select **[C]** and press **OK** to enter your file.



4 Use ▲ / ▼ / ◄ / ► to select the desired file, then press **OK**.



- The check box is displayed at the right bottom by pressing the **OK**. The files having the check box are played by pressing ►II. If they are not selected, then all playable files in the folder are played.

Operation in Playback

►II :
Press to play or pause the playback.

◄◄ / ►► :
Press to rewind or fast-forward the playback.

I◄◄ / ►►I :
Press to skip backward or forward the current file.

■ :
Press to stop the playback.

OK / **DISPLAY :**
Press to display the menu.

[Repeat] :
Use ◄ / ► and press **OK** to select the repeat mode; **[Repeat None]**, **[Repeat 1]** or **[Repeat All]** in order.

A-B Repeat :
Use ◄ / ► and press **OK** to select the limited repeat mode; **[Set A]**, **[Set B]** or **[None]** in order.

[Playlist] :
Use ◄ / ► and press **OK** to select **[Playlist]** to show the playlist.

[Info.] :
Use ◄ / ► and press **OK** to select **[Info.]** to show the details.

[Slow Forward] :
Use ◄ / ► and press **OK** to select **[Slow Forward]** to play slow.

[Step Forward] :
Use ◄ / ► and press **OK** to select **[Step Forward]** to play frame-by-frame playback.

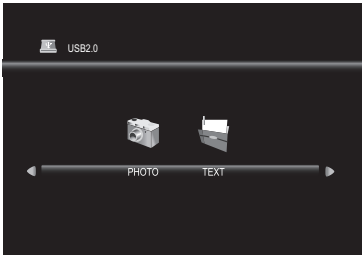
[Goto Time] :
Use ◄ / ► and press **OK** to select **[Goto Time]** to move the time you want in the playback.

[TEXT]

2 Use ◄ / ► to select **[TEXT]** and press **OK** to enter.

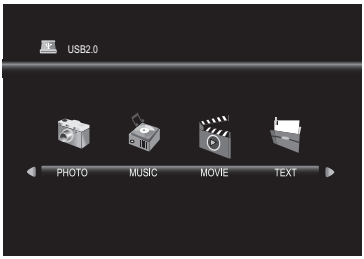
503 series

32FD503/ 32FL503/ 29FL503/ 24FL503

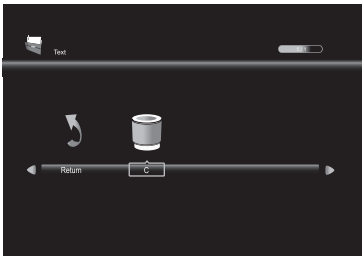


713/ 513 series

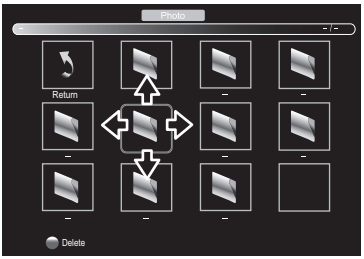
39FD713/ 32FD513/ 32FL513/ 29FL513



3 Use ◄ / ► to select **[C]** and press **OK** to enter your file.



4 Use ▲ / ▼ / ◄ / ► to select the desired file, then press **OK**.



- The check box is displayed at the right bottom by pressing the **OK**. The files having the check box are played by pressing ►II. If they are not selected, then all playable files in the folder are played.
- If you put audio files into same folder of text files, you can play music during the playback.

Operation in Playback

►II : Press to play or pause the playback.
◄◄ / ►► : Press to move previous or next page in the file.
I◄◄ / ►►I : Press to skip backward or forward the file.
■ : Press to stop the playback.
OK / **DISPLAY :** Press to display the menu.
[Music] : Use ◄ / ► and press **OK** to select **[Music]**, then the music file in the same folder play automatically.
[Playlist] : Use ◄ / ► and press **OK** to select **[Playlist]** to show the playlist.
[Info.] : Use ◄ / ► and press **OK** to select **[Info.]** to show the details.

DETAIL SETTINGS

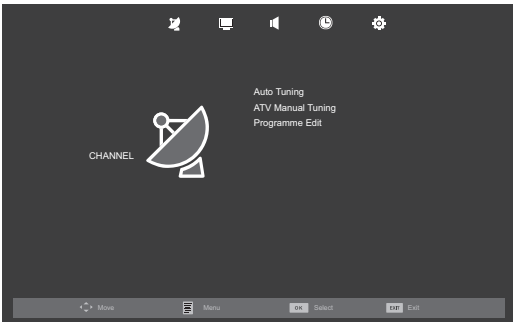
Read this first

Before adjust each setting, press **MENU** to display the menu.
To exit the menu, press **EXIT**.

Channel Settings

You can edit the channel settings.

1 Use ◄ / ► to select **[CHANNEL]**.



[Auto Tuning]

You can scan the channels in your area automatically.

2 Use ▲ / ▼ to select **[Auto Tuning]**, then press **OK** to start scanning.

- When the scanning is completed, the lowest memorised channel will be displayed.
- If you press **MENU** during the scanning, this operation will be stopped and a confirmation display will appear, then you can cancel scanning.

[ATV Manual Tuning]

You can search channels manually in your area.

2 Use ▲ / ▼ to select **[ATV Manual Tuning]**, then press **OK**.

3 Use ▲ / ▼ to select **[Current CH]**, then use ◄ / ► to select the channel you want.

4 Use ▲ / ▼ to select **[Color System]**, then use ◄ / ► to select the system you want.

5 Use ▲ / ▼ to select **[Sound System]**, then use ◄ / ► to select the system you want.

6 Use ▲ / ▼ to select **[Fine Tune]**, then use ◄ / ► to adjust the setting.

7 Use ▲ / ▼ to select **[AFC]**, then use ◄ / ► to select **[On]** or **[Off]**.

- If you set to **[On]**, this unit searches a near channel automatically.

8 Use ▲ / ▼ to select **[Search]**, then use ◄ / ► to search a channel.

[Programme Edit]

You can edit the programme settings.

2 Use ▲ / ▼ to select **[Programme Edit]**, then press **OK** to enter Programme Edit list.

[Delete] (RED) : Press **RED** to delete the current channel.
[Rename] (GREEN) : Press **GREEN** and use ▲ / ▼ / ◄ / ► to change the current channel name. • Using alphabet by the Number buttons, correspondence table shown below.
[Move] (YELLOW) : Press **YELLOW** and use ▲ / ▼ to move the current channel.
[Skip] (BLUE) : Press **BLUE** to skip the current channel.
[FAV] (FAV) : Press **FAV** to register the current channel.

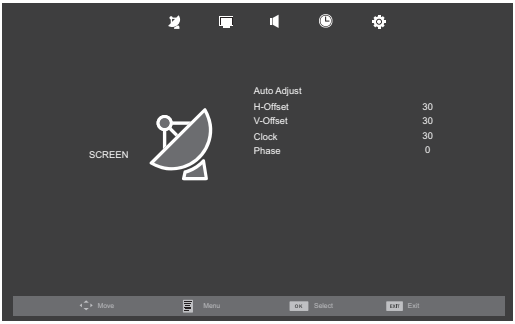
Number buttons and alphabet correspondence table

Number button	1st	2nd	3rd	4th
1	A	B	C	1
2	D	E	F	2
3	G	H	I	3
4	J	K	L	4
5	M	N	O	5
6	P	Q	R	6
7	S	T	U	7
8	V	W	X	8
9	Y	Z	9	
0	+	-	.	0

Screen Settings

If your PC is connected with this unit, you can edit the screen settings.

1 Use ◄ / ► to select **[SCREEN]**.



[Auto Adjust]

You can change the screen settings automatically.

2 Use ▲ / ▼ to select **[Auto Adjust]**, then press **OK**.

[H-Offset] / [V-Offset] / [Clock] / [Phase]

You can change the screen settings manually.

[H-Offset] : horizontal picture adjustment
[V-Offset] : vertical picture adjustment
[Clock] : clock adjustment
[Phase] : phase adjustment

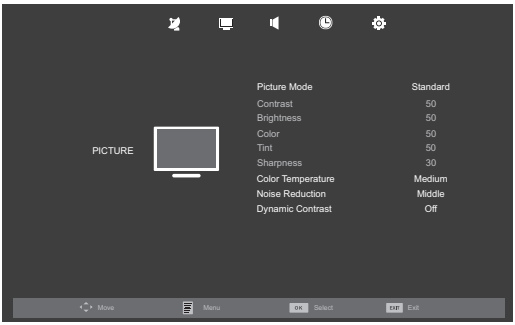
2 Use ▲ / ▼ to select the item you want, then press **OK**, and then appear the setting display, adjust the setting using ◄ / ►.

- While adjusting each setting, you can change the setting item using ▲ / ▼.

Picture Adjustment

You can adjust the picture settings according to your personal preference. These settings are automatically stored after exiting the picture menu.

1 Use ◄ / ► to select **[PICTURE]**.



[Picture Mode]

You can change the picture adjustment style.

2 Use ▲ / ▼ to select **[Picture Mode]**, then press **OK**.

3 Use ▲ / ▼ to select **[Dynamic]**, **[Standard]**, **[Mild]** or **[Personal]**, then press **OK**.

[Dynamic] : higher contrast
[Standard] : standard
[Mild] : lower contrast
[Personal] : manual setting

- You can change picture mode easily using **P MODE** on the Remote Control. Press **P MODE** repeatedly to select the picture mode you want. In this function, you can also assign the picture mode individually to each input mode.

[Contrast] / [Brightness] / [Color] / [Tint] / [Sharpness]

You can change the screen settings manually. While adjusting each setting, you can change the setting item using ▲ / ▼.

[Contrast] : contrast adjustment
[Brightness] : brightness adjustment
[Color] : colorfulness adjustment
[Tint] : redness/greenness adjustment
[Sharpness] : sharpness adjustment

2 Use ▲ / ▼ to select the item you want. Then press **OK**, and the setting display will appear.

3 Adjust the setting using ◄ / ►.

- You can adjust the settings, if you set **[Personal]** in **[Picture Mode]**.

[Color Temperature]

You can change the color tone of the picture.

2 Use ▲ / ▼ to select **[Color Temperature]**, then press **OK**.

3 Use ▲ / ▼ to select **[Cool]**, **[Medium]** or **[Warm]**, then press **OK**.

[Cool] : bluer tone
[Medium] : average tone
[Warm] : redder tone

[Noise Reduction]

You can reduce picture noise.

2 Use ▲ / ▼ to select **[Noise Reduction]**, then press **OK** or ►.

3 Use ▲ / ▼ to select **[Off]**, **[Low]**, **[Middle]** or **[High]**, then press **OK**.

[Dynamic Contrast]

You can set the dynamic contrast mode.

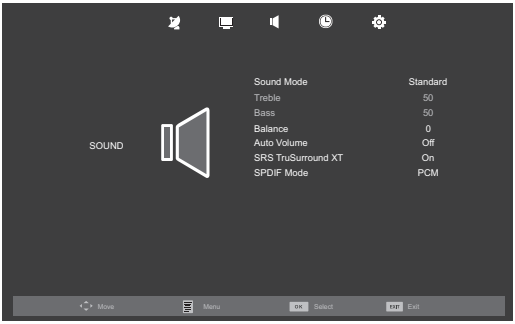
2 Use ▲ / ▼ to select **[Dynamic Contrast]**, then press **OK**.

3 Use ▲ / ▼ to select **[On]** or **[Off]**, then press **OK**.

Sound Adjustment

You can adjust the sound settings according to your personal preferences.

1 Use ◄ / ► to select **[SOUND]**.



[Sound Mode]

You can change the sound setting style.
While adjusting each setting, you can change the setting item using ▲ / ▼.

2 Use ▲ / ▼ to select **[Sound Mode]**, then press **OK**.

3 Use ▲ / ▼ to select **[Standard]**, **[Music]**, **[Movie]**, **[Sports]** or **[Personal]**, then press **OK**.

[Standard] : standard
[Music] : appropriate for listening to music
[Movie] : appropriate for watching a movie
[Sports] : appropriate for watching a sport programme
[Personal] : manual setting

- You can change sound mode easily using **S MODE** on the Remote Control.
- Press **S MODE** repeatedly to select the sound mode you want.

[Treble] / [Bass] / [Balance]

You can set left / right speaker setting.
While adjusting each setting, you can change the setting item using ▲ / ▼.

[Treble] : high pitched tone adjustment
[Bass] : low pitched tone adjustment
[Balance] : volume balance setting for left and right speakers

2 Use ▲ / ▼ to select the item you want. Then press **OK**, and the setting display will appear.

3 Adjust the setting using ◄ / ►.

- You can adjust **[Treble]** and **[Bass]** settings, if you set **[Personal]** in **[Sound Mode]**.

[Auto Volume]

If set to **[On]**, sudden changes in volume will be reduced automatically, for example, during commercials or when switching channels.

2 Use ▲ / ▼ to select **[Auto Volume]**, and then select **[On]** or **[Off]** using ◄ / ►.

[SRS TruSurround XT]

You can set to the sound modes for more spatial or surround sound reproduction.

2 Use ▲ / ▼ to select **[SRS TruSurround XT]**, and then select **[On]** or **[Off]** using ◄ / ►.

[SPDIF Mode]

If this unit is connected with coaxial digital audio output jack to your device, you can set this mode.

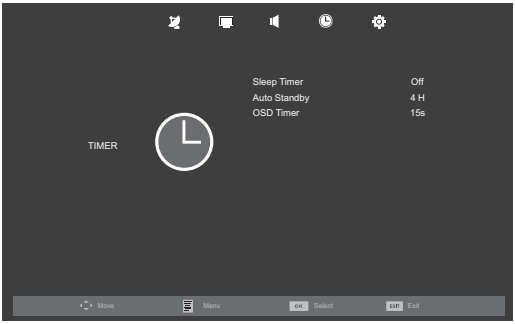
2 Use ▲ / ▼ to select **[SPDIF Mode]** and then select **[PCM]**, **[Auto]** or **[Off]** using ◄ / ►.

AUTO: The SPDIF output is the same with the input sound format.
PCM: The SPDIF output is PCM format, regardless of the input sound format.
OFF: Turn OFF the SPDIF output.

Timer Settings

You can change Timer setting.

1 Use ◄ / ► to select **[TIMER]**.



[Sleep Timer]

The sleep timer can be set for the unit to go to the standby mode after an incremental period of time.

2 Use ▲ / ▼ to select **[Sleep Timer]**, then press **OK**.

3 Use ▲ / ▼ to select the time you want, then press **OK**.

- You can also set it using the Remote Control. Refer to "[Sleep Timer]" (p. 11).
- Available options are; Off / 10min / 20min / 30min / 60min / 90min / 120min / 180min / 240min.

[Auto Standby]

You can set the time to turn off the display power automatically.
In spite of this setting, the unit goes into standby mode automatically if there is no signal input from the antenna terminal and no user operation for 15 minutes.

2 Use ▲ / ▼ to select **[Auto Standby]**, then press **OK**.

3 Use ▲ / ▼ to select the time you want, then press **OK**.

- Available options are; Off / 3hours / 4hours / 5hours.

[OSD Timer]

You can set the time to turn off the OSD display.

2 Use ▲ / ▼ to select **[OSD Timer]**, then press **OK**.

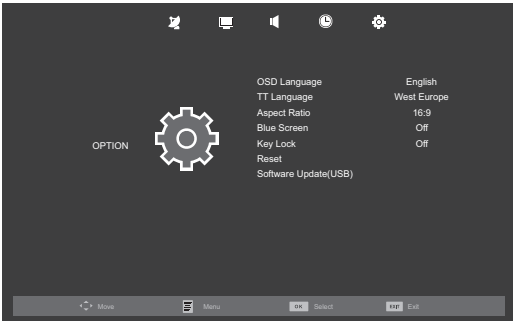
3 Use ▲ / ▼ to select the time you want, then press **OK**.

- Available options are; Off / 5sec / 10sec / 15sec / 20sec / 25sec / 30sec.

Option Settings

You can change other settings.

1 Use ◄ / ► to select **[OPTION]**.



[OSD Language]

You can select the preferred on screen language.

2 Use ▲ / ▼ to select **[OSD Language]**, then press **OK**.

3 Use ▲ / ▼ / ◄ / ► to select the language you want, then press **OK**.

- Available languages are; English, Thai, Malay, Simplified Chinese, Arabic, Persian, Indonesian, Vietnamese and French.

[TT Language]

You can select the preferred teletext language.

4 Use ▲ / ▼ to select **[TT Language]**, then press **OK**.

5 Use ▲ / ▼ to select the language you want, then press **OK**.

- Available languages are; West Europe, East Europe, Russia, Arabic and Farsi.

[Aspect Ratio]

You can change TV Screen Display mode.

2 Use ▲ / ▼ to select **[Aspect Ratio]**, then press **OK**.

3 Use ▲ / ▼ to select the display mode you want, then press **OK**.

- Available options are: **[4:3]** / **[16:9]** / **[Zoom1]** / **[Zoom2]** / **[Just Scan]** / **[Dot by Dot]**.
- For details, refer to **"Picture Format" (p. 12)**

[Blue Screen]

If you set to **[On]**, the background screen displays blue, during no input signal.

2 Use ▲ / ▼ to select **[Blue Screen]**, then select **[On]** or **[Off]** using ◄ / ►.

[Key Lock]

If you set to **[On]**, you cannot use the buttons on the TV.

2 Use ▲ / ▼ to select **[Key Lock]**, then select **[On]** or **[Off]** using ◄ / ►.

[Reset]

You can restore the all settings.

2 Use ▲ / ▼ to select **[Reset]**, then press **OK**.

3 Press ◄ to select **Yes** to reset the current settings.

- Channel setting has no change before and after reset.

[Software Update(USB)]

It is available to update software using USB.

2 Use ▲ / ▼ to select **[Software Update(USB)]**, then press **OK**.

- If you use this function, connect USB flash memory with data for update before.

OTHER INFORMATION

Trademark Information

The terms HDMI and HDMI High-Definition Multimedia Interface, and the HDMI Logo are trademarks or registered trademarks of HDMI Licensing LLC in the United States and other countries.

Manufactured under license from Dolby Laboratories. Dolby and the double-D symbol are trademarks of Dolby Laboratories.

is a trademark of SRS Labs, Inc. TruSurround XT technology is incorporated under license from SRS Labs, Inc. SRS TruSurround XT® creates a truly immersive surround sound experience with rich bass and clear dialog from only two speakers.

Cabinet Cleaning

- Gently wipe the front panel and other exterior surfaces of the unit with a soft cloth.
- Never use a solvent or alcohol. Do not spray insecticide liquid near the unit. Such chemicals may cause damage and discoloration to the exposed surfaces.

Panel Cleaning

- If the LCD panel should require cleaning, wipe it with a cotton or soft cloth. Before cleaning the panel, disconnect the power cord.

Servicing

- Should your unit become inoperative, do not try to correct the problem of your own. There are no user-serviceable parts inside.

TROUBLESHOOTING GUIDE

If the unit does not perform properly when operated as instructed in this User Manual, **check the following chart and all connections once before calling for service**. It could save you time and money.

Problem	Possible Remedy
General	
TV does not turn on.	• Check the AC power cord is plugged in. (p. 6) • Make sure that the AC outlet supplies the proper voltage, plug another electrical appliance into the AC outlet to ensure that AC outlet operates normally. • If a power failure occurs, unplug the AC power cord for 1 minute to allow the unit to reset itself.
TV turns off automatically.	• Check if the **[Auto Standby]** is activated. (p. 21) • If you do not connect any terminal and no user operation for 15 minutes, check whether the cable to the TV are connected. (p. 6, 9)
The remote control does not work.	• Check whether the ⏻ (Power) indicator is red. • Re-insert the batteries with their polarities (+/- signs) as indicated. (p. 6) • When there is an infrared-equipped device near this unit, it may interrupt the remote control signal of this unit. • The batteries may be dead. Replace the new batteries. • Refer to the user manual of the universal remote control for the FUNAI code.
Picuture	
No Picture, No Sound	• Check the AC power cord is plugged in. (p. 6) • Make sure that the AC outlet supplies the proper voltage, plug another electrical appliance into the AC outlet to ensure that AC outlet operates normally. • Check whether the connection of the antenna or cable receiver is connected correctly. (p. 6) • If the outside antenna is being used, check whether wire is broken. • Check whehter all the cables to the unit are connected to the correct output jack of your device like Blu-rey / DVD recorder. (p. 9, 10) • Check if your computer is NOT in sleep mode when the input mode of this TV is in PC mode. Tap any key on the keyboard to wake up your computer. • Check if the correct input source mode is selected by pressing **SOURCE**. (p. 12)
Poor Picture, Sound OK	• Try another channel, if that is OK, then possibly due to poor channel reception. • Check whether the connection of the antenna or cable receiver is connected correctly. (p. 6) • Check whehter all the cables to the unit are connected to the correct Output jack of your device like Blu-rey / DVD recorder. (p. 9, 10) • Surrounding temperature is too low,wait until the warms up. • Adjust **[Picture Mode]** setting. (p. 19) • Make sure the **[Color System]** is properly set. (p. 18)
Double Picture or Gost in Picture	• Try another channel, if that is OK, then possibly due to poor channel reception. • Check whether the connection of the antenna or cable receiver is connected correctly. (p. 6) • If the outside antenna is being used, check whether wire is broken.
Blurry or Distorted Picture	• Try another channel, if that is OK, then possibly due to poor channel reception. • Check whether the connection of the antenna or cable receiver is connected correctly. (p. 6) • If the outside antenna is being used, check whether wire is broken. • Surrounding temperature is too low,wait until the warms up.
White Spot or Shadow Picture (Noise)	• Try another channel, if that is OK, then possibly due to poor channel reception. • Check whether the connection of the antenna or cable receiver is connected correctly. (p. 6) • If the outside antenna is being used, check whether wire is broken. • Adjust **[Noise Reduction]** setting. (p. 20)
Lines or Strenks or Bars in Picture	• Try another channel, if that is OK, then possibly due to poor channel reception. • Check whether the connection of the antenna or cable receiver is connected correctly. (p. 6) • If the outside antenna is being used, check whether wire is broken.
The picture crops out the top and/or bottom.	• Adjust **[Aspect Ratio]** setting. “Picture Format” (p. 12) • If you are using the TV as a PC monitor, make sure that **[H-Offset]** and **[V-Offset]** in “Screen Settings” (p. 19)
Black or Luminous point on TV screen	• It is quality of the LCD Panel, this is not a sign of a malfunction.

Problem	Possible Remedy
Sound	
Picture OK, No Sound	• Try another channel, if that is OK, then possibly due to poor channel reception. • Check whether the connection of the antenna or cable receiver is connected correctly. (p. 6) • If the outside antenna is being used, check whether wire is broken. • The sound may be muted. Press + / — or (Mute) (p. 11)
Sound is distorted	• Try another channel, if that is OK, then possibly due to poor channel reception. • Check whether the connection of the antenna or cable receiver is connected correctly. (p. 6) • If the outside antenna is being used, check whether wire is broken.
USB Playback	
Cannot read data in the USB flash memory	• Check a USB flash memory is connected solidly. • Make sure the format of your data is playable on this TV. Refer to “Multimedia Format” (p. 27)
No Picture, No Sound	• Check a USB flash memory is connected solidly. • Check if the correct input mode is selected by pressing SOURCE. • Make sure the format of your data is playable on this TV. Refer to “Multimedia Format” (p. 27)
No Picture	• Check a USB flash memory is connected solidly. • Make sure the format of your data is playable on this TV. Refer to “Multimedia Format” (p. 27)
No Sound	• Check a USB flash memory is connected solidly. • Make sure the format of your data is playable on this TV. Refer to “Multimedia Format” (p. 27) • The sound may be muted. Press + / — or (Mute) (p. 11)

SPECIFICATIONS

	FULL HD Television	HD Television			
MODEL NUMBER	39FD713	32FD513 32FD503	32FL513 32FL503	29FL513 29FL503	24FL503
Panel make					
Screen size	98 cm (38.6 inches)	80 cm (31.5 inches)		72 cm (28.6 inches)	56 cm (23.5 inches)
Resolution	1920 x 1080	1366 × 768			
Viewing angle (H/V)	176 /176	178/178		176/176	
Power					
Power supply	AC 100-240V (50/60Hz)				
Power consumption	W (standby: less than 0.5 W)	W	W	W	W
Audio output	2 x 8W (8Ω)				2 x 5W (8Ω)
Temperature					
Operating temperature	0 °C (32 °F) to 40 °C (104 °F)				
Connectivity					
Antenna input	UHF/ VHF 75Ω x 1				
Composite video input	x 1				
YPbPr(Component video) input	x 1				
HDMI	x 3				
USB	x 1				
PC(VGA) input	x 1				
Audio input	Audio L/R (RCA) x 1 3.5mm mini jack for PC/ HDMI(DVI) x 1				
Coaxial digital audio output (SPDIF)	x 1				
Headphone	x 1				
TV system					
Colour system	PAL, SECAM, NTSC 4.43				
TV system	B/G, D/K, I, M				
Value added features					
Teletext	Yes				
Surround	SRS TruSurround XT				
OSD Language	English, Thai, Malay, Simplified Chinese, Arabic, Persian, Indonesian, Vietnamese, French				
Accessories					
Remote control unit	x 1				
Base	x 1				
Batteries	2 x AAA Drycell				
Instruction manual	x 1				
Screw (for attaching the base)	x 3				
Screw (for mounting the unit on your furniture)	-	x 1		-	

Dimensions

Dimensional details (Protruding parts excluded.)		
Model Number	**with base**	**without base**
39FD713	H: 596.1 mm/ W: 911.2 mm/ D: 194.0 mm	H: 556.6 mm/ W: 911.2 mm/ D: 95.7 mm
32FD513	H: 467.0 mm/ W: 752.6 mm/ D: 180.2 mm	H: 451.5 mm/ W: 752.6 mm/ D: 105.7 mm
32FD503	H: 467.0 mm/ W: 752.6 mm/ D: 180.2 mm	H: 451.5 mm/ W: 752.6 mm/ D: 105.7 mm
32FL513	H: 494.7 mm/ W: 754.6 mm/ D: 180.0 mm	H: 451.5 mm/ W: 754.6 mm/ D: 57.2 mm
32FL503	H: 494.7 mm/ W: 754.6 mm/ D: 180.0 mm	H: 451.5 mm/ W: 754.6 mm/ D: 57.2 mm
29FL513	H: 456.0 mm/ W: 686.6 mm/ D: 180.0 mm	H: 412.0 mm/ W: 686.6 mm/ D: 57.0 mm
29FL503	H: 456.0 mm/ W: 686.6 mm/ D: 180.0 mm	H: 412.0 mm/ W: 686.6 mm/ D: 57.0 mm
24FL503	H: 619.1 mm/ W: 920.0 mm/ D: 193.9 mm	H: 574.0 mm/ W: 920.0 mm/ D: 112.0 mm

Weight		
Model Number	**with base**	**without base**
39FD713	9.25 kg	8.2 kg
32FD513	5.95 kg	5.63 kg
32FD503	5.95 kg	5.63 kg
32FL513	5.82 kg	5.6 kg
32FL503	5.82 kg	5.6 kg
29FL513	5.0 kg	4.8 kg
29FL503	5.0 kg	4.8 kg
24FL503	4.2 kg	4.0 kg

Input Resolution

YPbPr(Component video) IN	
Resolution	**Refresh rate**
480i/p	-
576i/p	-
720p	-
1080i/p	-

HDMI	
Resolution	**Refresh rate**
480i/p	60Hz
576i/p	50Hz
720p	50Hz
	60Hz
1080i/p	50Hz
	60Hz
1080p	24Hz

PC(VGA) IN 513/ 503 series			
Resolution	**Refresh rate**		
640x480	60Hz	72Hz	75Hz
720x400		70Hz	
800x600	60Hz	72Hz	75Hz
848x480		60Hz	
1024x768	60Hz	70Hz	75Hz
1280x768		60Hz	
1360x768		60Hz	

PC(VGA) IN only 39FD713			
Resolution	**Refresh rate**		
640x48	60Hz	72Hz	75Hz
720x400		70Hz	
800x600	60Hz	72Hz	75Hz
848x480		60Hz	
1024x768	60Hz	70Hz	75Hz
1280x768		60Hz	
1360x768		60Hz	
1280x1024		60Hz	
1400x1050		60Hz	
1440x900		60Hz	
1680x1050		60Hz	
1920x1080		60Hz	

Multimedia Format

PHOTO		
File Ext.	**Codec**	**Remark**
.jpg/.jpeg	Progressive JPEG	Max Resolution: 1024 x 768
	Baseline JPEG	Max Resolution: 15360 x 8640
.bmp	---	Max Resolution: 9600 x 6400 Pixel Depth: 1/4/8/16/24/32 bpp
.png	Non-interlaced	Max Resolution: 9600 x 6400
	Interlaced	Max Resolution: 1200 x 800

MUSIC *only 713/ 513 series (39FD713/ 32FD513/ 32FL513/ 29FL513)		
File Ext.	**AUDIO Codec**	**Remark**
.mp3	MP3	Sample rate: 32k - 48kHz Bit rate: 32k - 320kbps Channel: Mono / Stereo
.wav	LPCM	Sample rate : 44.1kHz - 48kHz
.aac	AAC MPEG4 HE-AAC	Sample Rate:16k - 48kHz Bit Rate:32k - 442kbps Channel: Mono / Stereo

VIDEO *only 713/ 513 series (39FD713/ 32FD513/ 32FL513/ 29FL513)				
Container	**File Ext.**	**VIDEO Codec**	**AUDIO Codec**	**Remark**
AVI	.avi	MPEG 4 H.264 Xvid	PCM MPEG 1/2 Layer1,2 MP3 AAC MPEG4 HE-AAC AC3	Max Resolution: 1920x1080@30fps Max Data Rate: 20Mbps
MKV	.mkv			
PS	.mpeg .mpg .dat .vob	MPEG 4 H.264		
TS	.ts .m2ts .trp .tp			
MOV	.mov	MPEG 4 H.264	MP3 AAC MPEG4 HE-AAC	
MP4	.mp4			

TEXT		
File Ext.	**Codec**	**Remark**
.txt	ANSI/UNICODE GB/UTF8	File Size: Max. 1MB

File system	
File Format	
Format	FAT32 / FAT16

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A3UT1PT/A3UF1PT/A3UF0PT/
A30F1PT/A30F0PT/A30M1PT/A30M0PT/A30L0PT
1EMNXXXXX ★★★★★